

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the present application.

Listing of Claims:

1. (Currently Amended) An adhesive-carrying porous film for use as a battery separator, which comprises:

a substrate porous film such that when a probe of a probe penetrating thermomechanical analyzer, said probe having a diameter of 1 mm, is placed on the porous film under a load of 70 g to measure a thickness thereof while heating the porous film from room temperature at a rate of 2 °C/minute, a temperature at which the thickness of the porous film decreases to a half of the thickness of the porous film when the probe was initially placed thereon is 200 °C or more; and

a partially crosslinked adhesive carried on the substrate porous film, and having a gel fraction in a range of 5 to 80%, the partially crosslinked adhesive being prepared by reacting carrying on the substrate porous film a reactive polymer having a functional group capable of reacting with [[an]] a polyfunctional isocyanate group therein with and a polyfunctional isocyanate so that in such a quantity sufficient for the reactive polymer [[is]] to be partially crosslinked, and then by reacting the reactive polymer with the polyfunctional isocyanate.

2. (Original) The adhesive-carrying porous film according to claim 1, wherein the substrate porous film is prepared from a polyolefin resin composition comprising a polyolefin resin having a weight average molecular weight of at least 500000 and a crosslinked product of a cross-linkable rubber having double bonds in the molecular chain.

3. (Original) The adhesive-carrying porous film according to claim 1, wherein the reactive polymer has carboxyl groups or hydroxyl groups as the functional group capable of reacting with an isocyanate group.

4. (Cancelled).

5. (Original) The adhesive-carrying porous film according to claim 2, wherein the cross-linkable rubber is an ethylene-propylene-ethylidene norbornene ternary copolymer.

6. (Original) The adhesive-carrying porous film according to claim 2, wherein the cross-linkable rubber is a polynorbornene.

7. (Original) An electrode/porous film laminate comprising an electrode press-contacted to the adhesive-carrying porous film according to any one of claims 1 to 6.

8. (Original) An electrode/porous film adherend comprising an electrode bonded to a porous film prepared by reacting a reactive polymer in the electrode/porous film laminate according to claim 7 with a polyfunctional isocyanate and further crosslinking a partially crosslinked adhesive.

9. – 10. (Cancelled).